0590



OIPE

#5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/943,115A

DATE: 05/07/2002

TIME: 14:51:46

Input Set : D:\52459-20021.txt

Output Set: N:\CRF3\05072002\I943115A.raw

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 4 <110> APPLICANT: SEQUENOM, Inc.
        Risinger, Carl
 5
        Andersson, Maria
 6
        Lewander, Tommy
 7
        Olaisson, Erik
 8
10 <120> TITLE OF INVENTION: DETECTION OF CYP3A4 AND CYP2C9
         POLYMORPHISMS
13 <130> FILE REFERENCE: 52459-20021.00
15 <140> CURRENT APPLICATION NUMBER: US 09/943,115A
16 <141> CURRENT FILING DATE: 2001-08-30
18 <150> PRIOR APPLICATION NUMBER: UK 0021286.0
19 <151> PRIOR FILING DATE: 2000-08-30
21 <160> NUMBER OF SEQ ID NOS: 73
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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26 <211> LENGTH: 1345
27 <212> TYPE: DNA
28 <213> ORGANISM: Homo sapiens
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32 gggcagctgt tetettetet cetttetete etgttteeag acatgeagta ttteeagaga
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33 gaaggggcca ctctttggca aagaacctgt ctaacttgct atctatggca ggacctttga
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34 agggttcaca ggaagcagca caaattgata ctattccacc aagccatcag ctccatctca
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35 tocatgooot gtototoott taggggtooc ottgocaaca gaatcacaga ggaccagoot
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36 gaaagtgcag agacagcagc tgaggcacag ccaagagctc tggctgtatt aatgacctaa
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37 gaagtcacca gaaagtcaga aggatgcata gcagaggccc agcaatctca gctaagtcaa
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38 ctccaccage ctttctagtt gcccactgtg tgtacagcac sctggtaggg accagagcca
39 tgacagggaa taagactaga ctatgccctt gaggagctca cctctgttca gggaaacagg
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40 cgtggaaaca caatggtggt aaagaggaaa gaggacaata ggattgcatg aaggggatgg
41 aaagtgccca ggggaggaaa tggttacatc tgtgtgagga gtttggtgag gaaagactct
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42 aagagaaggc tetgtetgte tgggtttgga aggatgtgta ggagtettet agggggcaea
43 ggcacactcc aggcataggt aaagatctgt aggtgtggct tgttgggatg aatttcaagt
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44 attttggaat gaggacagcc atagagacaa gggcargaga gaggcgattt aatagatttt
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45 atgccaatgg ctccacttga gtttctgata agaacccaga acccttggac tccccagtaa
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46 cattgattga gttgtttatg atacctcata gaatatgaac tcaaaggagg tcagtgagtg
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47 gtgtgtgtgt gattetttge caactteeaa ggtggagaag cetetteeaa etgeaggeag
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48 agcacaggtg gccctgctac tggctgcagc tccagccctg cctccttctc tagcatataa
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49 acaatccaac agcctcactg aatcactgct gtgcagggca ggaaagctcc atgcacatag
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50 cccagcaaag agcaacacag agctgaaagg aagactcaga ggagagagat aagtaaggaa
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51 agtagtgatg geteteatee cagaettgge catggaaace tggettetee tggetgteag
                                                                         1260
52 cctggtgctc ctctatctgt gagtaactgt tcaggctcct cttctctgtt tcttggactt
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55 <210> SEQ ID NO: 2

RAW SEQUENCE LISTING

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Input Set : D:\52459-20021.txt

Output Set: N:\CRF3\05072002\1943115A.raw

56 <211> LENGTH: 19						
57 <212> TYPE: DNA						
58 <213> ORGANISM: Artificial Sequence						
60 <220> FEATURE:						
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63 <400> SEQUENCE: 2	19					
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68 <212> TYPE: DNA						
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71 <220> FEATURE:						
72 <223> OTHER INFORMATION: Oligonucleotide of CYP3A4 region						
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79 <212> TYPE: DNA						
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82 <220> FEATURE: 83 <223> OTHER INFORMATION: Oligonucelotide of CYP3A4 region						
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101 <212> TYPE: DNA						
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105 quececagae accocotora or an anno	120					
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106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360 420					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360 420 480					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360 420 480 540					
106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360 420 480 540 600					
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106 aggtcctaga aggagccgca gctcagcagg agagaggagg agctgagctg	180 240 300 360 420 480 540 600					

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Input Set : D:\52459-20021.txt

Output Set: N:\CRF3\05072002\1943115A.raw

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	tgcatccaca actgtggttc					1020	
	tatctgaaaa tgagaaacca	_				1080	
	gtcgagaagc cctagtttct					1140	
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125	ggtgctgttt cccttagaga	caaataaggg	gttctattta	atgtgaagcc	tgttttatga	1260	
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	taaaaattgt tetcaaggca			_		1380	
	agacctcagc tcaaatccca					1440	
	tgttctccca gggtctccct					1500	
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134	atttctgtta aatcatatat	tcccaactgg	ttattaatct	aagaattcag	aattttgagt	1800	
	aattgctttt gcatcagatt					1860	
136	catctgggtt aacatttgtt	ttttattacc	aatacctagg	ctccaaccaa	gtacagtgaa	1920	
	actggaatgt acagagtgga					1980	
138	tttatctgta tcagtgggtc	aaagtccttt	cagaaggagc	atatagtgga	cctaggtgat	2040	
139	tggtcaattt atccatcaaa	gaggcacaca	ccgaattagc	atggagtgtt	ataaaaggct	2100	
140	tggagtgcaa gctcatggtt	gtcttaacaa	gaagagaagg	cttcaatgga	ttctcttgtg	2160	
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Input Set : D:\52459-20021.txt

Output Set: N:\CRF3\05072002\1943115A.raw

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239 <210> SEQ ID NO: 15 240 <211> LENGTH: 11

237 accagegtge t

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11

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Input Set : D:\52459-20021.txt

Output Set: N:\CRF3\05072002\I943115A.raw

- 241 <212> TYPE: DNA
- 242 <213> ORGANISM: Artificial Sequence
- 244 <220> FEATURE:
- 245 <223> OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
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- 252 <211> LENGTH: 11
- 253 <212> TYPE: DNA
- 254 <213> ORGANISM: Artificial Sequence
- 256 <220> FEATURE:
- 257 <223> OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
- 258 on the non-coding strand
- 260 <400> SEQUENCE: 16
- 261 gctgtacaca c
- 263 <210> SEQ ID NO: 17
- 264 <211> LENGTH: 11
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- 266 <213> ORGANISM: Artificial Sequence
- 268 <220> FEATURE:
- 269 <223> OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
- 270 on the non-coding strand
- 272 <400> SEQUENCE: 17
- 273 tggtccctac c
- 275 <210> SEQ ID NO: 18
- 276 <211> LENGTH: 11
- 277 <212> TYPE: DNA
- 278 <213> ORGANISM: Artificial Sequence
- 280 <220> FEATURE:
- 281 <223> OTHER INFORMATION: Oligonucleotide of the novel polymorphic site 461
- 282 on the coding strand
- 284 <400> SEQUENCE: 18
- 285 ggtagggacc a 287 <210> SEQ ID NO: 19
- 288 <211> LENGTH: 25
- 289 <212> TYPE: DNA
- 290 <213> ORGANISM: Artificial Sequence
- 292 <220> FEATURE:
- 293 <223> OTHER INFORMATION: Primer
- 295 <400> SEQUENCE: 19
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- 298 <210> SEQ ID NO: 20
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- 301 <213> ORGANISM: Artificial Sequence
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- 306 <400> SEQUENCE: 20

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/943,115A

DATE: 05/07/2002 TIME: 14:51:47

Input Set : D:\52459-20021.txt

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